

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Holly Frontier Corp Fire - Removal Polrep  
Initial Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region VI

**Subject:** POLREP #1  
Initial  
Holly Frontier Corp Fire  
FPN E12623  
Tulsa, OK  
Latitude: 36.1376812 Longitude: -96.0115090

**To:** Lawrence Stanton, EPA HQ  
Monty Elder, ODEQ  
Ragan Broyles, Superfund Division  
Jonathan Abramson, USCG

**From:** Nicolas Brescia, OSC

**Date:** 8/2/2012

**Reporting Period:** 08/02/2012

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	FPN E12623	<b>Contract Number:</b>	REMOVAL
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	OPA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Assessment
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	8/2/2012	<b>Start Date:</b>	8/2/2012

<b>Demob Date:</b>	8/2/2012	<b>Completion Date:</b>
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>
<b>ERNS No.:</b>		<b>State Notification:</b>
<b>FPN#:</b>	E12623	<b>Reimbursable Account #:</b>

### **1.1.1 Incident Category**

OPA Emergency Response Assessment.

### **1.1.2 Site Description**

Refinery

#### **1.1.2.1 Location**

1700 South Union Avenue, Tulsa, OK 74107.

#### **1.1.2.2 Description of Threat**

OSC Fife was informed of a refinery fire via the media. OSC Fife contacted the RP, but was given very little information on the situation and any impacts associated with the incident. The RP informed OSC Fife that a fire had occurred at their facility causing a release of diesel fuel, but the fire and firewater had been contained. Several residential areas, and the Arkansas River are located adjacent to the facility. OSC Fife dispatched OSC Brescia to the site to gather more information and to determine if any off-site impacts occurred.

### **1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

OSC Brescia and two EPA START personnel arrived on site at 1345 and met with the RP's environmental manager. The manager informed OSC Brescia that the fire had begun at 0200, and was extinguished at 0415 by on-site fire personnel. The fire originated from the refineries distillate hydrotreater which had a faulty flange causing a pressurized release of diesel fuel. The diesel fuel ignited and burned, causing a fire and release of fuel/firewater onto the property. The RP manager informed OSC Brescia that a large quantity of diesel fuel burned during the incident and that approximately 200 barrels were released into their waste water treatment system on site and was contained on site. The RP manager informed OSC Brescia that the refineries safety team conducted air monitoring utilizing five gas meters around the perimeter of the fire during the incident. OSC Brescia requested a copy of the air monitoring data and the manager informed OSC Brescia that he would provide it on 08/03/2012. The RP manager informed OSC Brescia that no significant peaks occurred during their air monitoring activities which included monitoring for VOCs, H<sub>2</sub>S, and CO. OSC Brescia requested that the RP give them access to the waste water treatment ponds to view any collected firewater and to the incident location to view the damage. The RP provided a visit to the ponds and to the distillate hydrotreater. No offsite release of diesel fuel was observed by the OSC. OSC Brescia requested final calculations from

the RP once they were known and for the air monitoring data for review.

OSC Brescia asked the RP manager why the facility did not report the incident to the NRC, and the RP Manager informed OSC Brescia that no diesel fuel migrated off-site or into any waterway, and that no known constituents exceeded any reportable quantities for an air release.

OSC Brescia and EPA START demobilized from the site.

## 2. Current Activities

### 2.1 Operations Section

No information available at this time.

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

Review calculated release numbers and review air monitoring data from RP.

##### 2.2.1.1 Planned Response Activities

No further actions.

##### 2.2.1.2 Next Steps

No further actions.

#### 2.2.2 Issues

### 2.3 Logistics Section

No information available at this time.

### 2.4 Finance Section

#### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
TAT/START	\$7,000.00	\$3,500.00	\$3,500.00	50.00%

<b>Intramural Costs</b>				
USEPA - Direct	\$1,500.00	\$500.00	\$1,000.00	66.67%
<b>Total Site Costs</b>	<b>\$8,500.00</b>	<b>\$4,000.00</b>	<b>\$4,500.00</b>	<b>52.94%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## **2.5 Other Command Staff**

No information available at this time.

## **3. Participating Entities**

No information available at this time.

## **4. Personnel On Site**

ODEQ and OSHA were involved.

## **5. Definition of Terms**

No information available at this time.

## **6. Additional sources of information**

No information available at this time.

## **7. Situational Reference Materials**

No information available at this time.